Arctic thaw

International Salt Company, LLC

An affiliate of Sociedad Punta de Lobos S.A.

Material Safety Data Sheet

Section I

Manufacturing Name: International Salt Company, LLC
Address: P. O. Box 540, Clarks Summit, PA 18411
Trade Name: Arctic Thaw
Chemical Family: Inorganic Salts (alkali metals - halogen)

Section II - Hazardous Ingredients - NONE
CAS Registration Numbers - Contains sodium chloride (7646-14-5), potassium chloride (7447-40-7) and calcium chloride (10043-52-4)

Section III - Physical Data
Boiling Point - NA
Vapor Pressure - NA
Vapor Density - NA
Solubility in Water - Very soluble
Specific Gravity - H20-1) - 2.1
% Volatile (by volume) NA
Evaporation Rate - NA
Appearance & Odor - Solid white to off-white crystalline material is odorless

Section IV - Fire & Explosion Hazard Data
Flash Point - None
Flammable Limits - Not Flammable
Special/Unusual Fire Fighting Procedures/Hazards - NONE/Not Combustible
National Fire Protection Association Code - 000
Extinguishing Media - NA
Explosive Limits - Not Explosive

Section V - Health Hazard Data
Threshold Limit Values - NA
Effects of Overdose or Overexposure - Eye: May cause moderate to severe irritation with corneal injury which may be slow to heal. Skin: Short single exposure not likely to cause significant skin irritation. Prolonged or repeated exposure may cause skin irritation, even a burn. May cause more severe response if skin is damp and/or abraded, or if material is confined to the skin. When dissolving, the heat produced may cause more intense effects as well as thermal burns. A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. Ingestion: Single dose oral toxicity is low. Ingestion may cause gastrointestinal irritation or ulceration effects. Inhalation: Vapors are unlikely due to physical properties. Dust may cause irritation to the upper respiratory tract. The components of this product are not listed by IARC, NTP or OSHA as a carcinogen for hazard communication purposes.
Emergency & First Aid Procedures - Eyes: Irrigate with flowing water immediately and continuously for 15 minutes. Consult medical personnel. Skin: Wash off in flowing water or shower. Ingestion: If swallowed, induce vomiting immediately by giving two glasses of water and sticking finger down throat. Call a physician. (Never give anything by mouth or attempt to induce vomiting in an unconscious person.) Inhalation: Remove to fresh air, if effects occur. Consult a physician.
Medical Conditions Aggravated by Exposure - NA
Note to Physician: If burn is present, treat as any thermal burn, after decontamination. No specific antidote. Supportive care. Treatment based on judgement of the physician in response to the reactions of the patient.

Section VI - Reactivity Date
Stability - Decomposes > 350 F
Hazardous Decomposition Products - NA
Conditions to Avoid - Calcium chloride will: corrode most metals exposed to air; react with sulfuric acid to form hydrogen chloride, which is corrosive, irritating and reactive; give an exothermic reaction with water reactive materials such as sodium; result in runaway polymerization with methyl vinyl ether, and release ammoniacal vapors when mixed with some ammonium compounds.

Section VII - Spills or Leaks Procedures
Steps to be taken in case of spills or leak - Non-hazardous
DOT classification - Non-corrosive
Sweep up and flush with water
Waste Disposal Methods - Dry to land fill or dissolve in sufficient amounts of water to meet local existing water quality standards.

Section VIII Special Protection & Precautions
Ventilation - Local exhaust or mechanical control dust collection may be used to control airborne levels below the exposure guideline of 10 mg/m3 (TWA).
Personal Protective Equipment - Gloves and eye goggles recommended and respirator optional. Wash hands after handling.
Precautions (Handling/Storage) - Store under DRY conditions to prevent CAKING. Store on pallets under protective cover. Do not store bags directly on damp or concrete floors.

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